EXPERIMENT - 2

Object Oriented Programming Lab

Aim

Write a program to take name, address as character string, age as int, salary as float and contains inline function to set the values and display them.

Syeda Reeha Quasar

14114802719

4C7

EXPERIMENT – 2

Aim:

Write a program to take name, address as character string, age as int, salary as float and contains inline function to set the values and display them.

Source Code:

```cpp
#include <iostream>
#include <string>
using namespace std;

class details{
    public:
        string name;
        string address;
        int age;
        float salary;

    void getData() {
        cout << "Enter name" << endl;
        getline(cin, name);
        cout << "Enter address" << endl;
        getline(cin, address);
        cout << "Enter age" << endl;
        cin >> age;
        cout << "Enter salary" << endl;
        cin >> salary;
    }

    void showdata();

};

void details :: showdata(){
    cout << "details of employee \n";
    cout << "name: " << name << endl;
    cout << "address: " << address << endl;
    cout << "age: " << age << endl;
    cout << "salary: " << salary << endl;
}
```

```
int main(){
    details d;
    d.getData();
    d.showdata();
    return 0;
}
```

Output:

```
PS D:\sem 4\cpp\oops> cd "d:\sem 4\cpp\oops\" ; if ($?) { g++ employeeDetails.cpp -o employeeDetails } ; if ($?) { .\employeeDetails }
Enter name
Syeda Reeha Quasar
Enter address
Rohini, New Delhi - 110089
Enter age
20
Enter salary
700000
details of employee
name: Syeda Reeha Quasar
address: Rohini, New Delhi - 110089
age: 20
salary: 700000
PS D:\sem 4\cpp\oops> cd "d:\sem 4\cpp\oops\" ; if ($?) { g++ employeeDetails.cpp -o employeeDetails } ; if ($?) { .\employeeDetails }
Enter name
reeha
Enter address
Rohini, Delhi
Enter age
20
Enter salary
900000
details of employee
name: reeha
address: Rohini, Delhi
age: 20
salary: 900000
PS D:\sem 4\cpp\oops>
```